

Converting Colors

YUV(166.5360, 10.0888,
-62.7371)

Have a look what the booklet for
YUV(166.5360, 10.0888, -62.7371)
contains.

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Color

**YUV(166.5360, 10.0888,
-62.7371)**

Conversions

Conversions Part 1

Format	Color
Hex	5FC7BB
RGB	95, 199, 187
RGB Percent	37%, 78%, 73%
CMY	0.6275, 0.2196, 0.2667
CMYK	0.52, 0.00, 0.06, 0.22
HSL	173°, 48%, 58%
HSV	173°, 52%, 78%
XYZ	34.1124, 46.8676, 54.2621
YIQ	166.5360, -58.1320, -25.7800

Conversions

Conversions Part 2

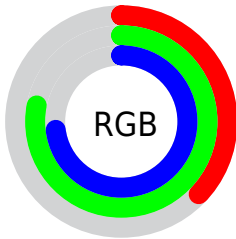
Format	Color
RYB	95, 150, 199
Decimal	6277051
CIELab	74.11, -33.06, -3.21
CIELCh	74, 33.213, 185.550
Yxy	46.8676, 0.2522, 0.3465
Android (android.graphics.Color)	4284467131 (0xFF5FC7BB)
YUV	166.5360, 10.0888, -62.7371
Hunter-Lab	68.4599, -30.8614, 0.9280

Details

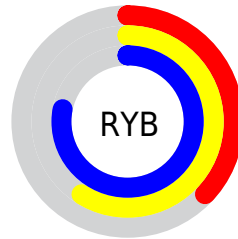
The YUV color **166.5360, 10.0888, -62.7371** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **127.4640, -10.0888, 62.7371**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.1340, 9.7939, -61.5075**, and **108.7630, 12.4418, -70.8292** is the 20% darker color. If you saturate the color by 10%, you get **160.3280, 12.1633, -74.8327**, and if you desaturate by 10%, it is **172.7440, 8.0142, -50.6415**.

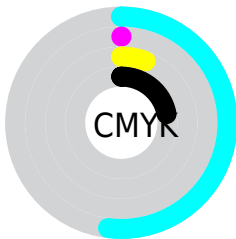
Distribution



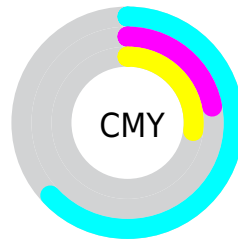
- Red (37%)
- Green (78%)
- Blue (73%)



- Red (37%)
- Yellow (59%)
- Blue (78%)



- Cyan (52%)
- Magenta (0%)
- Yellow (6%)
- Black (22%)



- Cyan (63%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.5360, 10.0888, -62.7371 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 166.5360, 10.0888, -62.7371 by changing the saturation by 10% instead.

■ 166.5360, 10.0888,
-62.7371

■ 166.5360, 10.0888,
-62.7371

■ 255.0000, 0.0000,
0.0000

■ 138.0520, 10.8204,
-64.0666

■ 223.1340, 9.7939,
-61.5075

■ 108.7630, 12.4418,
-70.8292

■ 233.1730, 10.7607,
-44.8787

■ 81.6920, 13.4628,
-71.6439

■ 241.8440, 6.4859,
-27.0502

■ 64.1670, 9.7777,
-56.2745

■ 250.8140, 2.0637,
-8.6069

■ 47.4570, 6.6767,
-41.6198

■ 31.5620, 4.1599,
-27.6799

■ 15.6670, 1.6432,

-13.7400

■ 0.0000, 0.0000,
0.0000

■ 166.5360, 10.0888,
-62.7371

■ 166.5360, 10.0888,
-62.7371

■ 160.3280, 12.1633,
-74.8327

■ 172.7440, 8.0142,
-50.6415

■ 154.0060, 13.8010,
-86.8283

■ 179.0660, 6.3765,
-38.6459

■ 147.7980, 15.8756,
-98.9238

■ 185.2740, 4.3019,
-26.5503

■ 141.5900, 17.9501,
-111.0194

■ 191.4820, 2.2274,
-14.4547

■ 136.8770, 19.2876,
-120.0411

■ 197.6900, 0.1528,
-2.3591

■ 203.7130, -1.3375,
9.0217

■ 209.9210, -3.4121,
21.1173

■ 216.1290, -5.4866,
33.2129

■ 216.7700, -4.3236,
33.5277

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



171.9940, -7.8850, -37.7057



166.5360, 10.0888, -62.7371



164.8840, 25.6932, -74.4433

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



166.5360, 10.0888, -62.7371



185.4180, 22.9649, 7.5264



182.4180, -27.3211, 36.4674

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



166.5360, 10.0888, -62.7371



127.4640, -10.0888, 62.7371

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



184.3130, -17.9023, 48.8375



166.5360, 10.0888, -62.7371



186.9670, 10.3693, 34.2319

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



166.5360, 10.0888, -62.7371



179.8590, 30.6355, -26.1863



185.9830, -3.9356, 49.1269



179.8300, -29.0032, 15.9351

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



166.5360, 10.0888, -62.7371



168.1330, 31.4864, -65.8916



185.9830, -3.9356, 49.1269



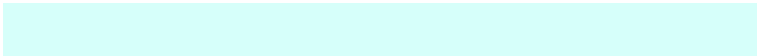
182.8470, -24.5746, 42.2302

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



166.5360, 10.0888, -62.7371



242.1710, 3.8597, -24.7060



159.6360, -31.8655, -46.1618



120.1830, 2.3748, -15.0695



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



166.5360, 10.0888, -62.7371



204.6950, 15.4334, -97.0795



144.4240, 26.9060, -43.3448



96.1950, 0.8899, -5.4330



112.0970, 15.7282, -98.3091



24.7800, 3.5595, -21.7321

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



127.4640, -10.0888, 62.7371



144.3050, -15.4334, 97.0795



149.5760, -26.9060, 43.3448



92.8050, -0.8899, 5.4330



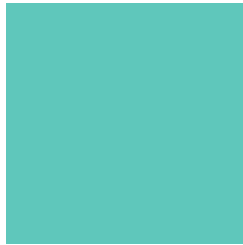
50.9030, -15.7282, 98.3091



11.2200, -3.5595, 21.7321

Previews

White Background



This preview shows how the YUV color 166.5360, 10.0888, -62.7371 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 166.5360, 10.0888, -62.7371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

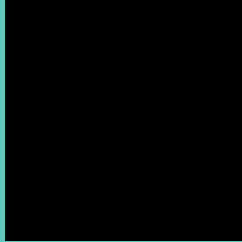
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 166.5360, 10.0888, -62.7371 Background



This preview shows how black text looks on a background with the YUV color 166.5360, 10.0888, -62.7371.



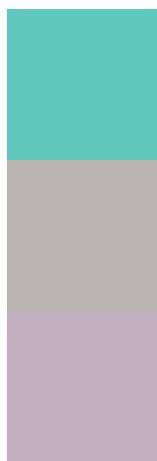
This preview shows how white text looks on a background with the YUV color 166.5360, 10.0888, -62.7371.

-62.7371.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

166.5360, 10.0888, -62.7371

Protanopia

181.0390, -2.4842, 3.4738

Deuteranopia

183.2060, 4.3354, 9.4663



Tritanopia

169.3160, 20.5502, -58.1591

Trichromacy



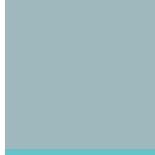
Original Color

166.5360, 10.0888, -62.7371



Protanomaly

175.7370, 2.1017, -20.8173



Deuteranomaly

176.9100, 6.4534, -16.5841



Tritanomaly

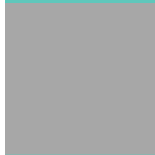
167.9800, 16.7719, -59.6185

Monochromacy



Original Color

166.5360, 10.0888, -62.7371



Achromatopsia

167.0000, 0.0000, 0.0000



Achromatomaly

167.0680, 3.4175, -22.8616

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.5360, 10.0888, -62.7371 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(95, 199, 187)` looks like.

```
.text, #text, p{  
    color:rgb(95, 199, 187)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(95, 199, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 199, 187) }
```

Border

The CSS property to change the border of an element to YUV 166.5360, 10.0888, -62.7371 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(95, 199, 187) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(95, 199, 187) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(95, 199, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 199, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 199, 187);  
box-shadow:4px 4px 4px 4px rgb(95, 199,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 166.5360, 10.0888, -62.7371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 199, 187) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(95, 199,  
187) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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